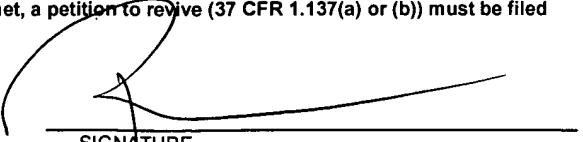


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|--|---|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER MNE 109 |
| INTERNATIONAL APPLICATION NO. PCT/EP2004/003066 | INTERNATIONAL FILING DATE 23 March 2004 | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/552654 |
| PRIORITY DATE CLAIMED 10 April 2003 | | |
| TITLE OF INVENTION BLENDs WITH SHAPE MEMORY CHARACTERISTICS | | |
| APPLICANT(S) FOR DO/EO/US LENDLEIN, Andreas and RIDDER, Ute | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). [Unexecuted]</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Copy of International Search Report</p> | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|--------------|---|-----------------|--------------------------|--|--|----------|---------------|----------------------|---|----------|--|--|--|----------|--|--|--|--|--|--|--|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | | | | | | | | | | | | | | | | | | | |
| 10/552654 | | PCT/EP2004/003066 | | MNE 109 | | | | | | | | | | | | | | | | | | | |
| <p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS = \$1000.00</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> | | | | | | <input checked="" type="checkbox"/> a) Basic national fee..... | \$300.00 | Applicant use | Office use only | <input checked="" type="checkbox"/> b) Examination fee..... | \$200.00 | | | <input checked="" type="checkbox"/> c) Search fee..... | \$500.00 | | | TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee..... | \$300.00 | Applicant use | Office use only | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> b) Examination fee..... | \$200.00 | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> c) Search fee..... | \$500.00 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | | | | | | | | |
| 41 - 100 = | /50 = | | x \$250.00 | \$ 0 | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | | | | | | | | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | |
| Total claims | 11 - 20 = | 0 | x \$50.00 | \$ 0 | | | | | | | | | | | | | | | | | | | |
| Independent claims | 3 - 3 = | 0 | x \$200.00 | \$ 0 | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | 0 | + \$360.00 | \$ | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,000.00 | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <td>Amount to be refunded:</td> <td rowspan="2" style="background-color: black; color: white; text-align: center;"> </td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$</td> </tr> </table> | | | | | | Amount to be refunded: | | \$ | Amount to be charged | \$ | | | | | | | | | | | | | |
| Amount to be refunded: | | \$ | | | | | | | | | | | | | | | | | | | | | |
| Amount to be charged | | \$ | | | | | | | | | | | | | | | | | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. | | | | | | | | | | | | | | | | | | | | | | | |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-3129</u> in the amount of \$ <u>1,000.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3129</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | | | | | | | | | | | | | | | |
| Patrea L. Pabst Pabst Patent Group LLP 1201 Peachtree Street, Suite 1200 Atlanta, Georgia 30361 United States of America | | | | | | | | | | | | | | | | | | | | | | | |
|  SIGNATURE Patrea L. Pabst | | | | | | | | | | | | | | | | | | | | | | | |
| NAME 31,284 | | | | | | | | | | | | | | | | | | | | | | | |
| REGISTRATION NUMBER | | | | | | | | | | | | | | | | | | | | | | | |

IN THE UNITED STATES RECEIVING OFFICE FOR THE
PATENT COOPERATION TREATY

Applicants: LENDLEIN, Andreas and RIDDER, Ute

International Application No: PCT/EP2004/003066
International Filing Date: 23 March 2004

U.S. Serial No: Not Yet Assigned
Filed: October 7, 2005

Express Mail Label No: EV 487329924 US
Date of Deposit: October 7, 2005

For: *BLENDS WITH SHAPE MEMORY CHARACTERISTICS*

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**EXPRESS MAIL TRANSMITTAL LETTER
FOR PATENT APPLICATION AND CERTIFICATE OF MAILING**

Sir:

Pursuant to 35 U.S.C. § 371 and 37 C.F.R. § 1.10, applicants enclose a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US), a copy of the published International Application No. PCT/EP2004/003066 entitled "*BLENDS WITH SHAPE MEMORY CHARACTERISTICS*", filed in the European Receiving Office for the PCT on March 23, 2004, which claims priority to German Patent Application No. DE 10316573.8 filed on April 10, 2003, a translation of the application from German into English, a Preliminary Amendment, an unexecuted Declaration for Patent Application, an Application Data Sheet and authorization to charge our Deposit Account No. 50-3129 in the amount of \$1,000.00 which represents the filing fee under 37 C.F.R. § 1.492(a)(1)-(5) for a large entity.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-3129.

This application is being filed on October 7, 2005, by mailing the Transmittal Letter to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 via

10/552654

JC09 Rec'd PCT/PTO 09 OCT 2005

International Application No.: PCT/EP2004/003066

International Filing Date: 23 March 2004

**EXPRESS MAIL TRANSMITTAL LETTER FOR
PATENT APPLICATION AND CERTIFICATE OF MAILING**

Express Mail Label No.: EV 487329924 US

Date of Deposit: 7 October 2005

the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10. The Express Mail label number appears in the heading of this paper which is attached to the Transmittal Letter.

All correspondence concerning this application should be mailed to:

**Customer No. 23579
Patrea L. Pabst, Esq.
PABST PATENT GROUP LLP
400 Colony Square, Suite 1200
1201 Peachtree Street
Atlanta, Georgia 30361**

**(404) 879-2151 (Telephone)
(404) 879-2160 (Fax)**

Respectfully submitted,



Patrea L. Pabst
Registration No. 31,284

Date: October 7, 2005

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JC09 Rec'd PCT/PTO 09 OCT 2005

International Application No.: PCT/EP2004/003066

International Filing Date: 23 March 2004

**EXPRESS MAIL TRANSMITTAL LETTER FOR
PATENT APPLICATION AND CERTIFICATE OF MAILING**

Express Mail Label No.: EV 487329924 US

Date of Deposit: 7 October 2005

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this Express Mail Transmittal Letter for Patent Application and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, October 7, 2005, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Number EV 487329924 US addressed to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 7, 2005

Chandra Russell
Chandra Russell